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CLAIMS

1.(cancelled) A wall frame structure having an enclosing framework, including a plurality of pairs of load-bearing, substantially upright strut members having intermediate longitudinal portions thereof in mutually inclined relation, contained within said framework, and subject to longitudinal compressive loading.

2.(currently amended) The wall frame structure as set forth in Claim 19, wherein said wall frame structure constitutes a structural panel unit, and said individual load bearing strut members are of slender section modulus, being flexible and prone to individually buckle under longitudinal compressive loading of said individual strut members, said member pairs having their individual outer ends mutually joined, each said individual member of said pairs of members being substantially immobilized at locations intermediate their respective ends, to significantly reduce their respective tendency to deform under load .

3.(previously amended) The structural panel unit as set forth in Claim 2, wherein said framework side members laterally constrain said strut individual members that are in contacting relation with said framework side members.

4 (currently amended) The ~~frame structure~~ structural panel unit as set forth in Claim 19 2 , wherein upper end and lower end portions of each of said pairs of members are secured to each other, and at least one said strut member adjoined portion of a pair of said strut members is fastened in predetermined location within said framework.

5. (currently amended) The structural panel unit as set forth in Claim 19 2 , wherein the upper and lower ends of a pair of said individual members are secured to each other, and attached to adjoining portions of said rectangular framework .

6. (previously amended) The structural panel unit as set forth in Claim 5, wherein said ends of a said pair of said strut members are glued to each other.

7. (currently amended) The structural panel unit as set forth in Claim ~~19~~ 2, wherein said rectangular framework enclosure includes face sheets in enclosing relation with said pairs of strut members, said pairs of strut members having edge portions thereof secured to adjoining surface portions of said face sheets.

8. (previously amended) The structural panel unit as set forth in Claim 7, wherein said strut member edge portions are glued to said adjoining surface portions of said face sheets.

9. (previously amended) The structural panel unit as set forth in Claim 2, wherein a said pair of strut members are laterally constrained at their centre by contact with adjoining pairs of said strut members .

10. (previously amended) The structural panel unit as set forth in Claim 2, wherein one said strut member is laterally constrained substantially at its centre by contact with an adjoining portion of said framework.

11. (previously amended) The structural panel unit as set forth in Claim 10, wherein said one strut member is joined to an adjoining portion of said framework by fastening means selected from the group consisting of nails, staples and glue, and combinations thereof.

12. (currently amended) The structural panel unit as set forth in Claim ~~19~~ 2, including a laterally extending tension member securing at least some of said strut members in mutually adjoined back-to-back relation .

13. (previously amended) The structural panel unit as set forth in Claim 12, wherein said tension member is selected from the group consisting of strapping, wire and plastic filament.

14. (currently amended) The structural panel unit as set forth in Claim 49 2 , wherein said strut members are selected from the material group consisting of plywood, wood, particle board, wafer board , low, medium and high density fiberboard panels, and Hardboard, laminated panels and fiberglass, metal and plastic.
15. (previously amended) The structural panel unit as set forth in Claim 14, wherein said metal and plastic strut members have a profiled cross section with side flanges extending for at least a portion of their length, and substantially planar end and intermediate adjoined portions.
16. (previously amended) The structural panel unit as set forth in Claim 15, wherein said strut members each has at least two portions of its length with said profiled cross section.
17. (currently amended) The ~~wall frame structure~~ structural panel unit as set forth in Claim 15, wherein said strut members each has at least four portions of its length with said profiled cross section.
18. (previously amended) The wall frame structure as set forth in Claim 19, wherein said interstices are substantially triangular and diamond shaped; and wherein plastic foam is located in contacting supporting relation with said individual members within said interstices, in use to resist lateral deformation of said individual members when said individual members are subjected to buckling due to compressive loading of said strut members.
19. (currently amended) A wall frame structure having an enclosing rectangular framework comprising side and end members, and a plurality of pairs of unitary, laterally flexible load-bearing strut members extending in contained relation between said framework end members, having intermediate longitudinal portions of each said strut member pair in alternating converging and diverging mutually inclined flexed relation, to form a series of interstitial openings within said framework, wherein portions of said strut member pairs are in

adjoined, mutual laterally constrained relation, and are collectively in laterally constrained relation by said framework side members, to provide shortened strut member portions of enhanced stiffness and reduced lateral flexibility extending continuously in connected, load-bearing relation [between] with said framework end members.